

SAFETY DATA SHEET

BIO FORM OIL

SECTION 01: PRODUCT AND COMPANY IDENTIFICATION

Product Identifier:	Bio Form Oil
Product Use:	Concrete Form Release
Manufacturer's Name:	Fabrikem Manufacturing Ltd. 20361 Duncan Way, Langley, BC V3A 7N3
Supplier's Name:	Fabrikem Manufacturing Ltd. 20361 Duncan Way, Langley, BC V3A 7N3
Preparation Date of SDS:	12 January 2017
Revision Date of SDS:	21 February 2020
SDS Prepared By:	WHMIS Committee
Phone Number of Preparer:	604-532-3883
CANUTEC Emergency Number:	613-996-6666

SECTION 02: HAZARDOUS IDENTIFICATION

GHS Classification:	No need for classification according to GHS criteria for this product.
GHS Labelling:	The product does not require a hazard warning label in accordance with GHS criteria.

SECTION 03: HAZARDOUS INGREDIENTS

Ingredients:	CAS#	%	Common Name/Synonyms	Other Identifiers
No hazardous ingredients				

SECTION 04: FIRST AID MEASURES

General Advice:	Show this safety data sheet to the doctor in attendance. If exposed or concerned: Get medical advice/attention.
Inhalation:	If difficulties occur after vapour has been inhaled, remove to fresh air and seek medical attention.
Eye Contact:	Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.
Skin Contact:	After contact with skin, wash immediately with plenty of water and soap. If irritation develops, seek medical attention.
Ingestion:	Rinse mouth immediately and then drink plenty of water, seek medical attention. Do not induce vomiting unless told to by a poison control center or doctor.
Self-protection of the first aider:	First aid personnel should pay attention to their own safety. Immediately remove contaminated clothing.
Most important symptoms and effects, both acute and delayed:	No applicable information available.
Immediate medical attention and special treatment :	Treatment based on sound judgment of physician and individual reactions of patient.

SECTION 05: FIRE FIGHTING MEASURES

Flammable:	Flammable
Suitable Means of Extinction:	Extinguish fire using agent suitable for surrounding fire. Cool all affected containers with flooding quantities of water. Apply water from as far a distance as possible. Use water spray to knock-down vapours.
Unsuitable Means of Extinction:	Not Available
Specific Hazards Arising from the Product:	Carbon dioxide, carbon monoxide, fumes/smoke.
Hazardous Combustion Products:	Oxides of carbon.
Special Protective Equipment and Precautions Fire-Fighters:	Wear a self-contained breathing apparatus. The degree of risk is governed by the burning substance and the fire conditions. If exposed to fire, keep containers cool by spraying with water. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems. Contaminated extinguishing water must be disposed of in accordance with local regulations.

SECTION 06: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:	Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak.
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Environmental Precautions:	Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so. Do not allow to enter into soil/subsoil. Prevent product from entering drains.
Methods for Containment and Cleaning Up.	SMALL SPILLS: Contain and soak up spill with absorbent material. Put material in suitable, covered, labeled containers. LARGE SPILLS: Pump off product.

SECTION 07: HANDLING AND STORAGE

Precautions for Safe Handling:	Avoid aerosol formation. Avoid inhalation of mists/vapours. Avoid skin contact. No special measures necessary provided product is used correctly. Rags and absorbents soaked with product pose a risk of spontaneous combustion. Store all contaminated materials in approved safety containers.
Conditions for Safe Storage:	Store in a cool, dry, well-ventilated area, out of direct sunlight and away from heat sources.

SECTION 08: EXPOSURE CONTROL/PERSONAL PROTECTION

Control Parameters				
Chemical Name	ACGIH TLV		OSHA PEL	
	TWA	STEL	TWA	STEL
No occupational exposure limits known.	N/E	N/E	N/E	N/E
Appropriate Engineering Controls:	No applicable information available.			
Individual Protection Measures:	Eye/Face Protection:	Chemical safety goggles and/or full face shield to protect eyes and face, if product is handled such that it could be splashed into eyes.		
	Hand Protection:	Appropriate chemical resistant gloves should be worn. Any specific glove information provided is based on published literature and glove manufacturer data. Glove suitability and breakthrough time will differ depending on the specific use conditions. Contact the glove manufacturer for specific advice on glove selection and breakthrough times for your use conditions. Inspect and replace worn or damaged gloves. The types of gloves to be considered for this material include: Nitrile, Neoprene, Ethyl Vinyl Alcohol Laminate (EVAL), Natural Rubber, Polyvinyl Chloride (PVC), or Polyethylene gloves.		
	Skin and Body Protection:	Skin contact should be prevented through the use of suitable protective clothing, gloves and footwear, selected for conditions of use and exposure potential		
	Respiratory Protection:	Wear respiratory protection if ventilation is inadequate.		
	General Hygiene Considerations:	Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection.		

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Amber liquid
Odour:	Vegetable oil odour
Odour Threshold:	N/E
pH:	Not available
Melting and Freezing Point:	Pour point <5°C
Initial Boiling Point and Boiling Range:	200°C
Flash Point:	130°C

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Evaporation Rate (n-butyl acetate = 1):	<1
Flammability (solid, gas)	No data available
Upper and Lower Flammability or Explosive Limit:	No data available
Vapour Pressure:	<5 mm Hg @ 22°C
Vapour Density (air = 1):	No data available
Relative Density (water = 1):	0.881
Solubility in Water:	Insoluble in water
Solubility in Other Liquids	No data available
Partition Coefficient n-Octanol/Water (Log Kow)	N/E
Auto-ignition Temperature:	N/E
Decomposition Temperature:	N/E
Viscosity:	

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	Stable
Chemical Stability:	Stable
Possibility of Hazardous Reactions:	No additional remarks.
Conditions to Avoid:	Direct sunlight, heat.
Incompatible Materials:	Strong oxidizing agents.
Hazardous Decomposition Products:	Oxides of carbon.

SECTION 11: TOXICOLOGICAL INFORMATION

Likely Routes of Exposure:	
Inhalation:	Virtually non-toxic
Eye Contact:	Virtually non-toxic
Skin Contact:	Virtually non-toxic
Ingestion:	Virtually non-toxic

Acute Toxicity:	LC ₅₀	LD ₅₀ (oral)	LD ₅₀ (dermal)
Virtually non-toxic	N/E	N/E	N/E

Skin Corrosion/Irritation:	No irritation is expected.
Serious Eye Damage/Irritation:	No irritation is expected.
Specific Target Organ Toxicity (Single Exposure):	May cause respiratory irritation.
Aspiration Hazard:	No information available.
Specific Target Organ Toxicity (Repeated Exposure):	No information available.
Respiratory and/or Skin Sensitization:	No information available.
Carcinogenicity:	No information available.
Reproductive Toxicity:	No information available.
Germ Cell Mutagenicity:	No information available.
Interactive Effects:	No information available.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:											
<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th>Chemical Name</th> <th>Ecotoxicity Freshwater Algae Data</th> <th>Ecotoxicity Fish Species Data</th> <th>Toxicity to Microorganisms</th> <th>Crustacea</th> </tr> </thead> <tbody> <tr> <td>No hazardous ingredients.</td> <td>Not Available</td> <td>Not Available</td> <td>Not Available</td> <td>Not Available</td> </tr> </tbody> </table>	Chemical Name	Ecotoxicity Freshwater Algae Data	Ecotoxicity Fish Species Data	Toxicity to Microorganisms	Crustacea	No hazardous ingredients.	Not Available	Not Available	Not Available	Not Available	
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Persistence and Degradability:	No information available.										
Bioaccumulation:	No information available.										

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Component Information:	Chemical Name	Partition Coefficient
	No hazardous ingredients.	Not Available
Other Adverse Effects:	No information available.	

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Methods:	Dispose of waste in accordance with environmental legislation. Should not be released into the environment. Dispose of in accordance with local regulations.
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SECTION 14: TRANSPORT INFORMATION

Shipping Name:	Not regulated
PIN:	N/E
TDG:	Not regulated
DOT:	Not regulated
IMO:	N/E
ICAO:	N/E
ERAP:	N/E

SECTION 15: REGULATORY INFORMATION

Safety, Health and Environmental Regulations			
U.S. Regulatory Rules			
Chemical Name	CERCLA/SARA Section 302	SARA (311, 312) Hazard Class	CERCLA/SARA Section 313
No hazardous ingredients	Not Listed	Not Listed	Not Listed
TSCA:	Complies		
DSL/NDSL:	Complies		
IARC Monograph:	None		
NFPA Rating:	None		

SECTION 16: OTHER INFORMATION

Date of Latest Revision:	21 February 2020
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The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. It is provided solely for the customer's consideration, and verification and Fabrikem Manufacturing Ltd. hereby specifically claims it shall not be held liable for any damage resulting from handling or from contact with the above products.

N/A = Not Applicable
N/E = Not Established